

## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A poly(trimethylene terephthalate) comprising 80% by weight or more of trimethylene terephthalate units based on the entire repeating units, and satisfying the following conditions ~~(1) and (2)~~:

(1) ~~[[the]]~~ an intrinsic viscosity is from 0.4 to 1.5 dl/g; ~~[[and]]~~

(2) a L\* value is 80 or more and a b\* value is from 1 to 5; and

~~[[ (2) ]]~~ (3)  $[-OH] / ([-OH] + [-COOH] + [-CH_2CH=CH_2]) \times 100 \geq 40$

wherein [-OH], [-COOH] and [-CH<sub>2</sub>CH=CH<sub>2</sub>] represent a terminal hydroxyl group content, a terminal carboxyl group content and a terminal allyl group content of the poly(trimethylene terephthalate), respectively.

2. (Cancelled).

3. (Currently amended) The poly(trimethylene terephthalate) according ~~any one of~~ to claim 1 ~~[[or 2]]~~, wherein the poly(trimethylene terephthalate) further satisfies the following condition (4):

(4) bis(3-hydroxypropyl) ether is copolymerized in an amount of 2% by weight or less.

4. (Currently amended) The poly(trimethylene terephthalate) according ~~to any one of~~ to claim 1 ~~[[or 2]]~~, wherein the value of  $[-OH] / ([-OH] + [-COOH] + [-CH_2CH=CH_2]) \times 100$  is 50 or more.

5. (Currently amended) A process for producing a poly(trimethylene terephthalate) wherein terephthalic acid ~~or/and~~ and/or its lower alcohol ester is reacted

with 1,3-propanediol to form 1,3-propanediol ester of terephthalic acid and/or its oligomer, and then polycondensation reaction of the reactant is conducted to give a poly(trimethylene terephthalate) containing 80% by weight or more of trimethylene terephthalate units based on the entire repeating units, the process comprising conducting the polycondensation reaction at a temperature in a range of from 235 to 270°C while the formula (1) is being satisfied and while formula (2) is maintained when an intrinsic viscosity for the polycondensation product reaches 0.5 dl/g or more:

$$[-OH] / ([-OH] + [-COOH] + [-CH_2CH=CH_2]) \times 100 \geq 40 \quad (1)$$

wherein  $[-OH]$ ,  $[-COOH]$  and  $[-CH_2CH=CH_2]$  represent a terminal hydroxyl group content, a terminal carboxyl group content and a terminal allyl group content of the poly(trimethylene terephthalate), respectively, and

$$S/V \geq 0.07 \text{ cm}^2/\text{g} \quad (2)$$

wherein S represent a total surface area (cm<sup>2</sup>) of the polycondensation product and V represents a weight (g) thereof.

6. (Cancelled).

7. (Currently amended) A process for producing a poly(trimethylene terephthalate) , comprising solidifying **[[once]]** the poly(trimethylene terephthalate) obtained by the process according to ~~any one of~~ claim 5 **[[or 6]]**, and heating the poly(trimethylene terephthalate) in a solid phase, whereby the intrinsic viscosity is increased by 0.1 dl/g or more in comparison with that of the poly(trimethylene terephthalate) and the time when the polycondensation reaction is finished.

8. (Currently amended) The process for producing a poly(trimethylene terephthalate) according to ~~any one of claims~~ claim 5 ~~[[to 7]]~~, wherein the value of  $[-OH] / ([-OH] + [-COOH] + [-CH_2CH=CH_2]) \times 100$  in (1) is 50 or more.

9. (Currently amended) The process for producing a poly(trimethylene terephthalate) according to ~~[[claim]]~~ to any one of claims ~~[[6 to]]~~ 5, 7, and 8 wherein the S/V ratio is 0.15 cm<sup>2</sup>/g or more.

10. (Currently amended) A process for continuously producing a poly(trimethylene terephthalate) containing 80% by weight or more of trimethylene terephthalate units based on the entire repeating units, at least comprising the following steps (1) to ~~[[4]]~~ (5):

(1) preparing a polymerization apparatus in which one or more reaction vessels (A) for conducting an ester interchange reaction or/and an esterification reaction and two or more polycondensation reaction vessels are successively connected;

(2) continuously feeding terephthalic acid ~~or/and~~ and or its lower alcohol ester and 1,3-propanediol ester to the reaction vessels (A), whereby 1,3-propanediol ester of terephthalic acid and/or its oligomer is continuously formed;

(3) continuously feeding the reactants formed in the step (2) to the polycondensation reaction vessels, whereby a polycondensation reaction is conducted while the polymerization degree is being increased when the reactants are successively passed through the two or more polycondensation reaction vessels; ~~[[and]]~~

(4) conducting the polycondensation reaction while the formula (1) is being satisfied

$$[-OH] / ([-OH] + [-COOH] + [-CH_2CH=CH_2]) \times 100 \geq 40 \quad (1)$$

wherein [-OH], [-COOH] and [-CH<sub>2</sub>CH=CH<sub>2</sub>] represent a terminal hydroxyl group content, a terminal carboxyl group content and a terminal allyl group content of the poly(trimethylene terephthalate), respectively~~[[.]]~~; and

(5) conducting the polycondensation reaction in a final polycondensation reaction vessel at a temperature in a range of from 235 to 270°C while the formula (2) is being satisfied when an intrinsic viscosity of the polycondensation product is 0.5 dl/g or more

$$\frac{S}{V} \geq 0.07 \text{ cm}^2/\text{g} \quad (2)$$

wherein S represents a total surface area (cm<sup>2</sup>) of the polycondensation product and V represents a weight (g) thereof.

11. (Cancelled).

12. (Currently amended) A process for producing poly(trimethylene terephthalate), comprising solidifying ~~[[once]]~~ the poly(trimethylene terephthalate) obtained by the process according to claim 10 ~~[[or 11]]~~, and continuously or noncontinuously heating the poly(trimethylene terephthalate) in a solid phase, whereby the intrinsic viscosity is increased by 0.1 dl/g or more in comparison with that of the poly(trimethylene terephthalate) at the time when the polycondensation reaction is finished.

13. (Currently amended) A fiber, a resin product or a film ~~characterized in that the fiber, resin product or film is formed from the poly(trimethylene terephthalate)~~ according to any one of claims 1 ~~[[to]]~~ , 3 or 4.

14. (Currently amended) A fiber, a resin product or a film characterized ~~in that the fiber, resin product or film is formed from the poly(trimethylene terephthalate)~~ obtained by the process according to ~~any one of claims 5 to 12~~ claim 5 or 10.